VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS DOCKET NUMBER:____ (37 CFR 1.9(f) & 1.27(d))-NONPROFIT ORGANIZATION Applicant or Patentee: Ellis Reinherz, Linda Clayton, Timothy D. Ocain and Serial or Patent No.: 08/948,124 Filed or Issued: October 9, 1997 Title: THYMOCYTE CASPASE ACTIVITY AND NEGATIVE SELECTION I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below: NAME OF NONPROFIT ORGANIZATION Dana-Farber Cancer Institute ADDRESS OF NONPROFIT ORGANIZATION _ 44 Binney Street Boston, Massachusetts 02115 TYPE OF NONPROFIT ORGANIZATION: UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C.501(a) and 501(c)(3)) [X]NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA (NAME OF STATE (CITATION OF STATUTE WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA (NAME OF STATE (CITATION OF STATUTE I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in: the specification filed herewith with title as listed above. the application identified above. [x]] the patent identified above. I hereby declare the rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). Each person, concern or organization having any rights in the invention is listed below: no such person, concern, or organization exists. [x] each such person, concern or organization is listed below. Procept. Inc. 840 Memorial Drive Cambridge, Massachsuetts 02139

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING	Julia D. Hart
TITLE IN ORGANIZATION OF PERSON SIGNING _	Patent Counsel
ADDRESS OF PERSON SIGNINGDana-Farber Car	ncer Institute, 44 Binney Street, Boston, Massachusetts 02115
SIGNATURE Jump Vans	8991 OS <u>S</u> TAD

Applicant or Patentes:	IENT CLAIMING SMALL ENTITY STATU 7(c))-SMALL BUSINESS CONCERN	TO CHARLES THE CASE AND CASE A
Serial or Patent No .: _		D. Oran and Raymond J. Parch
Filed or issued:		PADEMARY
Title	THYMOCYTE CASPASE ACTIVITY A	AND NEGATIVE SELECTION
[X] an offic	ner of the small business concern identified below and of the small business concern empowered to	w; act on behalf of the concern identified below;
		recept, Inc.
		ambridge, Massachusetts ()2139
reproduced in 37 CPR comployees of the conce comployees of the busing temporary basis during	1.9(d). For purposes of paying reduced fees to them, including those of its affiliates, does not excess concern is the average over the previous fise, each of the pay periods of the fiscal year, and 6.	qualifies as a small business concern as defined in 13 CFR 121.12 and be United States Patent and Trademark Office, in that the number of teed 500 persons. For purposes of this statement, (1) the number of ral year of the concern of the persons employed on a full-time, part-time of 2) concerns are affiliates of each other when either, directly or indirectly, arry or parties controls or has the power to control both.
I hereby declare regard to the invention	that rights under contract or law have been convidescribed in:	reyed to and remain with the small business concern identified above with
[X] the appl	ification filed berewith with title as listed above, ication identified above, at identified above.	
the invention must file other than the inventor concern which would in Each person, cor	separate verified statements averring to their stat, who would not qualify as an independent invent	are not exclusive, each individual, concern or organization having rights in ous as small entities, and no rights to the invention are held by any person, tor under 37 CFR 1.9(c) if that person made the invention, or by any CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(c).
	h person, concern or organization is listed below	v.
44 Binne	rber Cancer Institute sy Street Massachusetts 02115	
Separate verified tatus as small entities.	statements are required from each named person (37 CFR 1.27)	o, concern, or organization having rights to the invention averring to their
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Lacknowledge th nams prior to paying, o	operate. (37 CFR 1.28(b))	ice of any maintenance fee due after the date on which status as a small
I acknowledge the atus prior to paying, contry is no longer appro- I hereby declare to dieved to be true; and mishable by fine or in	perate. (37 CFR 1.28(b)) hat all statements made herein of my own knowl further that these statements were made with the prisonment, or both, under section 1001 of Tale	ledge are true and that all statements made on information and belief are a knowledge that willful false statements and the like so made are to 18 of the United States Code, and that such willful false statements may any patent to which this verified statement is directed.
I acknowledge the atus prior to paying, on the prior to paying, on the prior to paying, or the prior to leave the true; and mishable by fine or in apparelize the validity of	perate. (37 CFR 1.28(b)) hat all statements made herein of my own knowl further that these statements were made with the prisonment, or both, under section 1001 of Tale	ledge are true and that all statements made on information and belief are a knowledge that willful false statements and the like so made are a 18 of the United States Code, and that such willful false statements may any patent to which this verified statement is directed.
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I acknowledge the atus prior to paying, contry is no longer approximately in the reby declare a dieved to be (rue; and mishable by fine or in apparatize the validity (AME OF PERSON S	hat all statements made herein of my own knowledge that these statements were made with the apprisonment, or both, under section 1001 of Tale of the application, any patent issuing dicreon, or a ligning	ledge are true and that all statements made on information and belief are a knowledge that willful false statements and the like so made are a left the United States Code, and that such willful false statements may any patent to which this verified statement is directed.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

 $\,$ My residence, post office address and citizenship are as stated next to $\,$ my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	THYMOCYTE CASPASE AC	TIVITY AND	NEGATIV	E SELECTION		
the s	pecification of which	(check on	e)			
[]	is attached hereto.					
[X]	X] was filed on <u>October 9, 1997</u> as United States Application					
	Number or PCT International Application Serial No. 08/948.124					
	and was amended on _			(if applicable)		
	I hereby state that -identified specifica ment referred to abov	tion, incl	iewed and uding th	d understand the conter e claims, as amended by	nts of y any	the
be ma	I acknowledge the du terial to patentabili			ormation which is known 7 C.F.R. §1.56.	ı by m	e to
liste or in	§119 of any foreign d below and have also ventor's certificate ich priority is claim	applicatio identifie having a f	on(s) for d below iling da	ts under Title 35, Unit patent or inventor's any foreign application te before that of the acceptance.	certif n for	icate patent ation
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	eby claim the benefit sional application(s)			119(e) of any United S	tates	
(Appl	ication Number)		(Filing	Date)		
(Appl	ication Number)		(Filing	Date)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/802,474	2/18/97	Pending	
(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
As a named inventor agent(s) to prosecute this and Trademark Office connections	s application and	t the following attor transact all busines	ney(s) and/or s in the Patent
I also hereby grant attorney(s) and/or agent(s) under the Patent Cooperatapplication, including a procession designated states:	s) to file and pro ion Treaty based t	upon the above-identi	nal application fied
James M. Smith Re	eg. No. 28,043 : eg. No. 20,884 : eg. No. 32,227 : eg. No. 31,804	Richard A. Wise Reg Helen E. Wendler Reg Carolyn S. Elmore Reg	. No. 34,900 . No. 18,041 . No. 37,964
all of Hamilton, Brook, St Lexington, Massachusetts		, P.C., Two Militia D	rive,
and			
Send correspondence Hamilton, Brook, Sm Two Militia Drive, J	ith & Reynolds, P	.C.	
Direct telephone ca	lls to: <u>Caroly</u>	n S. Elmore	
	(781)	861-6240	
Direct facsimiles to	o:Caroly	n S. Elmore	

(781) 861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. ______ Full name of sole or first inventor <u>Ellis Reinherz</u> Inventor's Signature Jac Ru Residence ______113 South Great Road Lincoln, Massachusetts 01773 USA____ Citizenship _____ Post Office Address <u>Same as above</u> Full name of second joint inventor, if any Linda Clayton Inventor's Signature___ Residence Jamaica Plain, Massachusetts 02130 Citizenship _____ Post Office Address Same as above Full name of third joint Inventor's Signature_____ 45 Indian Head Road Framingham, Massachusetts 01701 Citizenship _____ USA____ Post Office Address Same as above

Full name of fourth joint						
inventor, if any	Raymond J. Patch					
Inventor's						
Signature		Date				
Residence	16 Emily Road					
	Framingham, Massachusetts 0170	1				
Citizenship	USA					
Post Office Address	Same as above					

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	THYMOCYTE CASPASE AC	TIVITY AND	NEGATIVE	SELECTION		
the s	pecification of which	ı (check on	e)			
[]	is attached hereto.					
[x]	X] was filed on <u>October 9, 1997</u> as United States Application					
	Number or PCT Intern	ational Ap	plication	n Serial No. <u>08/948,12</u>	4	
	and was amended on _			(if applicable).		
	I hereby state that -identified specifica ment referred to abov	tion, incl	iewed and uding the	d understand the conten e claims, as amended by	ts of any	the
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liste or in	§119 of any foreign d below and have also ventor's certificate ich priority is claim	application identifie having a f	n(s) for d below a iling dat	ts under Title 35, Unit patent or inventor's c any foreign application te before that of the a	ertif for j	icate patent
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I her provi	eby claim the benefit sional application(s)	t under 35) listed be	U.S.C. §	119(e) of any United St	ates	
(Appl	ication Number)		(Filing	Date)		
(Appl	ication Number)		(Filing	Date)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/802,474	2/18/97	Pending
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook	Reg.	No.	22,592	Alice O.	Carroll	Reg.	No.	33,542
James M. Smith	Reg.	No.	28,043	N. Scott	Pierce	Reg.	No.	34,900
Leo R. Reynolds	Reg.	No.	20,884	Richard A	A. Wise	Reg.	No.	18,041
Patricia Granahan	Reg.	No.	32,227	Helen E.	Wendler	Reg.	No.	37,964
Mary Lou Wakimura	Reg.	No.	31,804	Carolyn S	S. Elmore	Reg.	No.	37,567
Thomas O. Hoover	Reg.	No.	32,470	Lisa M. V	Warren	Reg.	No.	41,368

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and _	
	Send correspondence to:Carolyn S. Elmore Hamilton, Brook, Smith & Reynolds, P.C.
	Two Militia Drive, Lexington, MA 02173-4799
	Direct telephone calls to: <u>Carolyn S. Elmore</u>
	(781) 861-6240
	Direct facsimiles to: Carolyn S. Elmore
	(781) 861-9540

true and that all states true; and further that t willful false statements imprisonment, or both, u Code and that such wills application or any pater	·						
Full name of sole							
or first inventor	Ellis Reinherz						
Inventor's							
Signature	Date						
	113 South Great Road						
	Lincoln, Massachusetts 01773						
Citizenship	USA						
Post Office Address	Same as above						
Full name of second join							
inventor, if any	Linda Clayton						
Inventor's							
Signature	Date						
Residence	48 Cedarwood Road						
	Jamaica Plain, Massachusetts 02130						
Citizenship	USA						
Post Office Address	Same as above						
Full name of third join							
inventor, if any	Timothy D. Ocain						
Inventor's	0 0						
Signature 1 NW	Date /-20-98						
Residence	45 Indian Head Road						
	Framingham, Massachusetts 01701						
Citizenship	USA						
Post Office Address	Same as above						

Full name of fourth join	nt		
inventor, if any	Raymond J. Patch		
Inventor's			
Signature Ryn	1 9 Car	Date _	1/20/98
Residence	16 Emily Road		
	Framingham, Massachusetts 0170	1	
Citizenship	USA		
Post Office Address	Same as above		

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